

ABSTRACT

A transmission method for the physical common packet channels having the power bias is disclosed in the invention. The power bias magnitudes are added in the physical common channels of the said transmission method between the last successfully accessed access prefix and the conflict detection prefix, between the access prefix and the power control prefix, and between the power control prefix and the control section of the messages. By utilizing the method of the invention, the access probability in the transmission procedure of the physical common packet channels can be increased, the average access time can be shortened, the interference with the other users can be reduced, and the comprehensive performance of the link can be improved.